I-3
10/30/06

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, October 30, 2006
From: Kevin Turner, OSC

To:
David Chung, U.S.EPA
Mike Harris, U.S.EPA
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Alan Walts, U.S. EPA
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Tom Miller, Illinois EPA
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Subject: Initial POLREP #1
Minton Enterprises
5 West Monroe Street, Highland, IL
Latitude: 38.738997
Longitude: -89.691919

POLREP No.:	1	**Site #:**	B5DL
Reporting Period:		**D.O. #:**	
Start Date:	10/23/2006	**Response Authority:**	CERCLA
Mob Date:	10/23/2006	**Response Type:**	Time-Critical
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:		**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

Site Description

The two acre Site is located at 5 West Monroe Street, Highland, Madison County, Illinois is located at the west side of Highland and is situated in a primarily commercial and industrial area. However, there are a few residences in close proximity. The property is comprised of two buildings. This includes a main plating building and an outside storage warehouse.

On April 6, 2006, U.S. EPA, OSC Kevin Turner and Superfund Technical Assessment and Response Team (START) members arrived at the site to conduct the site assessment activities. Other personnel present on the Site included three representatives from Illinois EPA, Mike Grant, Jerry Willman and Tom Miller. The site assessment activities consisted of performing site reconnaissance; mapping of key site features and locations of site structures; collection of samples from drums, vats, and containers stored inside and outside of ME site buildings. OSC Turner and START observed a large quantity and variety of 55-gallon drums of plating wastes and assorted sized containers of miscellaneous hazardous materials in

various areas throughout the site. The ME site consists of two buildings: the main plating building and an outside waste storage area building.

The main plating building appeared to be in fair condition and consisted of two offices, a small kitchen area and the main plating operations area. The items with descriptive labels found in the kitchen area were inventoried and included silver nitrate, hydrochloric acid, sodium hydroxide, potassium permanganate, ammonium hydroxide, and bleach. Adjacent to the kitchen area and the offices in the main plating building is the facility□s water treatment process. The water treatment process consists of two 200-gallon vats, which were labeled Vat 1 and Vat 2 and are full of filtered solids. The items inventoried in this area included sodium hydroxide, galvanic brightener, filter solids and several paint buckets.

The middle of the main plating building, where the plating operations took place, contained three plating lines marked Line 2, Line 3, and Line 4. Lines 2 and 4 contained plating baths and remnant cleanings acid, water rinse and plating line residuals. Residue from past plating operations was observed on the floors and walls near the baths. Items inventoried in this area included Oxalic 295, sodium hydroxide, sodium hydrosulfite, ammonium, unknown liquids, and hydrogen peroxide.

The outside waste storage area building is separated into three bays with no doors and open to the environment on the east side. The bays contain approximately 150 drums that were stacked, which made it impossible to completely inventory them at the time. The drums that could be inventoried included phosphoric acid, nitric acid, chromic acid and sodium hydrosulfite. OSC Turner instructed START to move any drum that was outside of the storage area into the storage area building to minimize further deterioration by the elements. START was also instructed to erect a chain link fence as high as two drums stacked on one another on the east side of the building for temporary security.

Current Activities

Mobilization occurred on October 23, 2006. Staff from U.S.EPA along with START contractor and Environmental Rapid Response Services contractor, Earth Tech, will support removal operations at ME Site.

Activities during this first week include;

1) Mobilization of equipment.

2) Site Health and Safety meeting.

3) Site walk through for all staff supporting site operations.

4) Set up decon and break room

5) Air monitoring to support all removal actions inside the ME building. Air monitoring equipment used at the ME Site consists of MultiRAE and VRAE multiple gas monitors.

6) Scraping of solid material from floors and placement into drums.

7) Sampling and hazardous categorization (HAZCAT) of vats and 245 drums on site.

8) One 330-gallon poly tote of HCl was picked up by the distributor.

Planned Removal Actions
Continue air monitoring.

Gather 55-gallon drums located in the outside storage building and store them in the main plating building. Mark and log all drums identified. Drums are segregated into non-hazardous regulated material, unknown, Flammable, Household hazardous waste, alkaline, oxidizers, and acids.

Sample and HAZCAT identified drums located on-site.

Off-site disposal of all on-site wastes and hazardous.

Key Issues
None

epaosc.net/MintonEnterprises